

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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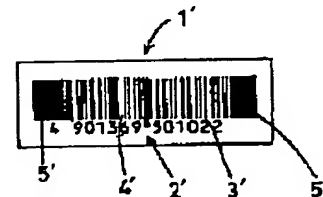
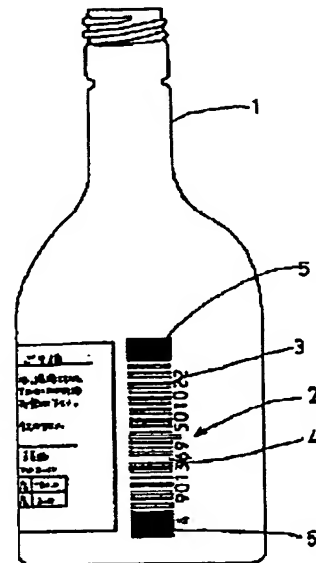
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INVENTOR : NISHIGUCHI SHIGEO;

INT.CL. : B41M 1/30 B41M 1/34 B41M 3/12

TITLE : BAR CODE FOR  
LIGHT-TRANSMITTING VESSEL



ABSTRACT : PURPOSE: To enable optical commodity discrimination of a product made of a light-transmitting material by a bar code, by a method wherein an inverted bar code prepared by inverting a reflecting zone and a light-absorbing zone of an ordinary bar code and by providing reflecting areas of a specified value of length outside the first and the last light-absorbing zones is printed directly on the surface of a lighttransmitting vessel.

CONSTITUTION: An inversed bar code 2 is provided at an appropriate position on the surface of a vessel 1 by inverting an ordinary bar code and printing it thereat. The inverted bar code 2 is provided with colored reflecting zones 3 on its ground, light-absorbing zones 4 formed by exposing the ground, and reflecting areas 5 of a length of 5mm at least being in contact with the reflecting zones 3 on the opposite side ends of the inverted bar code 2 and outside these ends. In another way, an inverted bar code 2' and reflecting areas 3' of a prescribed length to be provided in the opposite side ends thereof are printed with a reflective ink on one surface of an ordinary colorless and transparent film 1', and this film is stuck at an appropriate position of a light- transmitting vessel, or the transparent film 1' made into a stretched tubular film beforehand is fitted on the vessel, heated and subjected to shrink packaging.

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